

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.	1875.1630000
First Inventor	Jan Roelof Westra
Title	Transceiver Front-End
Express Mail Label No.	

J1083 U.S. PTO  
08/925312  
08/10/01**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 202311. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.3. ☒ Specification [Total Pages 25]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table,  
or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 10]5. Oath or Declaration [Total Pages 2]a. ☒ Newly executed (original or copy)b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR §§  
1.63(d)(2) and 1.33(b).6. ☒ Application Data Sheet. See 37 CFR 1.76.7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program  
(Appendix)8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)a. ☐ Computer Readable Form (CRF)

b. Specification Sequence Listing on:


i. ☐ CD-ROM or CD-R (2 copies); orii. ☐ paperc. ☐ Statements verifying identity of above copies**ACCOMPANYING APPLICATION PARTS**9. ☒ Assignment Papers (cover sheet & document(s))10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)11. ☐ English Translation Document (if applicable)12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations13. ☐ Preliminary Amendment14. ☒ Two (2) Return Receipt Postcards (MPEP 503)  
(Should be specifically itemized)15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach  
form PTO/SB/35 or its equivalent.17. ☒ Other: Authorization under 37 C.F.R. § 1.136(a)(3)☒ Other: The name of the assignee is: Broadcom Corporation18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:☐ Continuation ☐ Divisional ☐ Continuation-in-Part (CIP)  
Prior application information: Examiner \_\_\_\_\_of prior application No: \_\_\_\_\_/  
Group/Art Unit: \_\_\_\_\_For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is  
considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only  
relied upon when a portion has been inadvertently omitted from the submitted application parts.**19. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

Customer No. 26111

or ☐ Correspondence address below

(Insert Customer No. or Bar Code label here)

NAME	STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.			
	Attorneys at Law			
ADDRESS				
CITY	STATE	ZIP CODE		
COUNTRY	TELEPHONE	FAX		

NAME (Print/Type)	Jeffrey T. Helvey	Registration No. (Attorney/Agent)	44,757
SIGNATURE		Date	8/10/01

Burden Hour Statement: this form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount  
of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND  
FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

P:\USERS\SWILLIAM\JTH Folder (New)\1875.1630000\appl-trans

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

ATTORNEYS AT LAW

1100 NEW YORK AVENUE, N W • WASHINGTON, D C 20005-3934

PHONE (202) 371-2600 • FACSIMILE (202) 371-2540 • www.skgf.com

A

08/10/01  
J1054

ROBERT GREENE STERNE  
EDWARD J. KESSLER  
SERGE A. GOLDSTEIN  
SAMUEL L. FOX\*\*\*  
DAVID K.S. CORNWELL  
ROBERT W. ESMOND  
TRACY-GENE G. DURKIN  
MICHELE A. CIMBALA  
MICHAEL B. RAY  
ROBERT E. SOKOHL  
ERIC K. STEFFE  
MICHAEL O. LEE  
STEVEN R. LUDWIG

JOHN M. COVERT  
LINDA E. ALCORN  
ROBERT C. MILLONIG  
MICHAEL V. MESSINGER  
JUDITH U. KIM  
TIMOTHY J. SHEA, JR.  
DONALD R. MCPHAIL  
PATRICK E. GARRETT  
JEFFREY T. HELVEY\*  
HEIDI L. KRAUS  
JEFFREY R. KURIN  
RAYMOND MILLIEN  
PATRICK D. O'BRIEN

LAWRENCE B. BUGAISKY  
CRYSTAL D. SAYLES  
EDWARD W. YEE  
ALBERT L. FERRO\*  
DONALD R. BANOWIT  
PETER A. JACKMAN  
MOLLY A. MCCALL  
TERESA U. MEDLER  
JEFFREY S. WEAVER  
KRISTIN K. VIDOVICH  
KENDRICK P. PATTERSON  
DONALD J. FEATHERSTONE  
GRANT E. REED

VINCENT L. CAPUANO  
JOHN A. HARROUN\*  
ALBERT J. FASULO II\*  
ELDORA ELLISON FLOYD\*  
W. RUSSELL SWINDELL  
THOMAS C. FIALA  
BRIAN J. DEL BUONO\*  
VIRGIL L. BEASTON\*  
RYAN J. STAMPER\*  
KAREN R. MARKOWICZ\*\*  
SUZANNE E. ZISKA\*\*  
ANDREA J. KAMAGE\*\*  
NANCY J. LEITH\*\*

ELIZABETH J. HAANES\*\*  
MARK P. TERRY\*\*  
JOSEPH M. CONRAD, III  
DOUGLAS M. WILSON\*\*  
REGINALD D. LUCAS\*\*  
ANN E. SUMMERFIELD\*  
CYNTHIA M. BOUCHEZ\*\*  
HELENE C. CARLSON\*\*  
BRUCE E. CHALKER\*\*  
DUSTIN T. JOHNSON\*\*  
MATTHEW J. DOWD\*\*

\*LIMITED TO MATTERS  
AND PROCEEDINGS BEFORE  
FEDERAL COURTS & AGENCIES  
\*\*REGISTERED PATENT AGENT  
\*\*\*SENIOR COUNSEL

J1033 U.S. PTO  
09/925312  
08/10/01

August 10, 2001

WRITER'S DIRECT NUMBER:

(202) 371-2675

INTERNET ADDRESS:

JHELVEY@SKGF.COM

Commissioner for Patents  
Washington, D.C. 20231

Box Patent Application

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)  
Appl. No. To be Assigned; Filed: August 10, 2001  
For: **Transceiver Front-End**  
Inventors: Westra *et al.*  
Our Ref: 1875.1630000/RES/JTH

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.  
Patent and Trademark Office:

1. PTO Fee Transmittal (Form PTO/SB/17) (*in duplicate*);
2. PTO Utility Patent Application Transmittal (Form PTO/SB/05) (*in duplicate*);
3. U.S. Utility Patent Application entitled:

**Transceiver Front-End**

and naming as inventors:

Jan Roelof Westra

0925312

Commissioner for Patents

August 10, 2001

Page 2

Rudy J. van de Plassche

Chi-Hung Lin

the application consisting of:

- a. A specification containing:
  - i. 19 pages of description prior to the claims;
  - ii. 5 pages of claims (30 claims);
  - iii. a one (1) page abstract;
- b. 10 sheets of drawings: (Figures 1-10);
- c. A copy of original executed Declaration;
4. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3) (*in duplicate*);
5. Recordation Form Cover Sheet;
6. A copy of original executed Assignment to Broadcom Corporation, recordation of which is hereby respectfully requested;
7. Application Data Sheet;
8. Two (2) return postcards;
9. Our check No. 32198 for \$ 930.00 to cover:
  - \$ 710.00 Filing fee for patent application;
  - \$ 40.00 Assignment recordation fee; and
  - \$ 180.00 Fee for excess claims.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

Commissioner for Patents

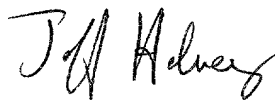
August 10, 2001

Page 3

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Jeffrey T. Helvey  
Attorney for Applicants  
Registration No. 44,757

JTH/slw  
Enclosures

P:\USERS\SWILLIAM\JTH Folder (New)\1875.1630000\appl-ptoltr

1875.1630000\appl-ptoltr